

U.S. Patent Application Serial No. **10/532,682**  
Response filed September 16, 2010  
Reply to OA dated June 18, 2010

**AMENDMENTS TO THE CLAIMS:**

Please cancel claims 1 and 3-7 without prejudice or disclaimer, and amend claim 9, as follows. This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claims 1-8 (Canceled)

Claim 9 (Currently amended): ~~The method according to claim 1;~~ A method of separating ergosterol from a solution containing ergosterol in hexane, which comprises:

supplying a trace amount of water to said solution and precipitating ergosterol from said solution containing ergosterol in hexane by cooling crystallization,

wherein the trace amount of water supplied is between 1 and 100 ppm with respect to the hexane, and no phase separation to form two liquid phases occurs between the hexane and water

~~— wherein the water insoluble organic solvent is hexane and the amount of water supplied is between 1 and 100 ppm with respect to the hexane.~~